

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-015308

(43)Date of publication of application : 19.01.2001

(51)Int.Cl.

H01C 10/32  
H01C 10/00

(21)Application number : 11-186351

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(22)Date of filing : 30.06.1999

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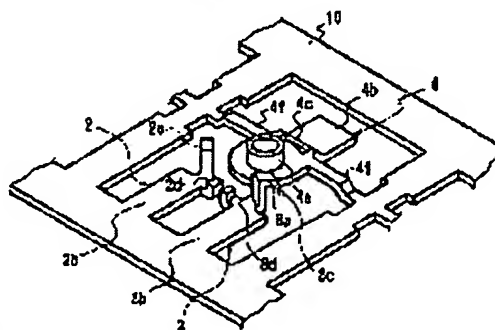
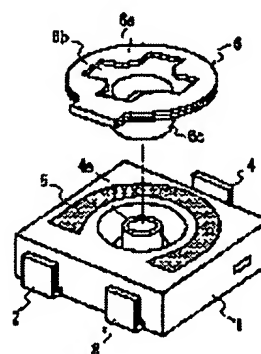
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## (54) VARIABLE RESISTOR

## (57)Abstract:

PROBLEM TO BE SOLVED: To obtain a thin variable resistor, which increases retention force of a second metallic terminal by a substrate, prevents bending distortion in bending work from spreading to an electrically continuous part to a resistor, and can stabilize electrical connection of the second metallic terminal and the resistor.

SOLUTION: This variable resistor is provided with a substrate 1, metallic terminals 2-4 which are insert-molded in the substrate 1, and a slider 6 sliding on a resistor 5 formed on the substrate 1. The slider 6 is caulked to a locking part 4a formed on the metallic terminal 4, thereby is fixed rotatably. Outer connection parts 2b-4b of the terminals 2-4 are pulled out from the bottom part of the substrate 1, and bent upwardly along the side surface of the substrate. Anchor parts 2c, 3c and 2d, 3d which are embedded in the substrate 1 are formed into a unified body, in the vicinity of electrically continuous parts 2a, 3a of the second metallic terminals 2, 3 to the resistor 5 and between the electrically continuous parts 2a, 3a of the second metallic terminals 2, 3 and outer connection parts 2b, 3b.



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**LEGAL STATUS**

[Date of request for examination]	02.02.2001
[Date of sending the examiner's decision of rejection]	20.05.2003
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]	
[Date of final disposal for application]	
[Patent number]	3489492
[Date of registration]	07.11.2003
[Number of appeal against examiner's decision of rejection]	2003-11217
[Date of requesting appeal against examiner's decision of rejection]	18.06.2003
[Date of extinction of right]	

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